

Wall Station Circuit Dimmer



Easy Circuit-Based Mesh-Networked Lighting Controls

Avi-on Dimmers enable physical and Bluetooth® wireless lighting controls for on/off and dimming functions. Solutions are available for new construction and retrofit needs. All controls interface to lighting fixtures and with the Avi-on App, providing a platform that supports easy-to-change grouping, scheduling, timers and scenes.

Applications

- 120V New Construction or Retrofit
- Indoor Commercial office & Institutional Spaces
- Retail, Restaurant & Hospitality
- Residential

Benefits

- Enable networked lighting control of switch legs utilizing existing wiring and no changes to fixtures
- Available Dimming can save energy and extend lamp life while allowing optimum light levels for task
- Automated control of lighting and plug loads based on schedule, occupancy sensor, additional wall station controllers, or via Application or API integration (ex. Alexa or Google Assistant)

Dimmer Features

- Universal Dimming circuit compatible with Incandescent, Halogen, and most CFL/LED lights
- Direct control (on/off) of load regardless of other system components
- No additional wiring required
- High and low end trim
- Capable of multi-gangging, and compatible with Decora-style faceplates
- Standard wall-box mount, using single-gang space
- XYZ Color Options

Options

- Direct AC circuit switching and dimming
- Ability to add wireless switching and dimming
- Ability to add additional control points without direct wiring
- Pre-set scene selection

Specifications

- Indoor use only
- 120VAC, 60Hz
- Operating Temp: 32 to 104 °F (0 to 40 °C)
- Grouping and Favoriting with the Avi-on App

Parts and Ordering

Select a part number from the table listed below.

Product

Name	Description	Part Number
In-wall Dimmer	Decora-style dimmer/switch with LED status indicator. AC-powered. Maximum Loads: Incandescent: 600W, 2-way: 500W, 3-way: 400W, CFL/LED: 150W, 2-way: 125W, 3-way: 100W	AVI13870

To order please contact Avi-on sales at
(877) AVION-US, (877) 284-6687 or
prosales@avi-on.com
 for information on becoming an Avi-on partner and order details.

Case Dimensions

Part	Length (mm)	Width (mm)	Height (mm)
In-Wall	105	54.3	46

Certifications

Regulatory	Description
USA*	FCC: U2ZBT3101, U2ZBT4101, U2ZBT3001, U2ZBT4001
Canada	IC: 6924A-BT3101, 6924A-BT4101, 6924A-BT3001, 6924A-BT4001
UL	3MWZ

Product Diagrams

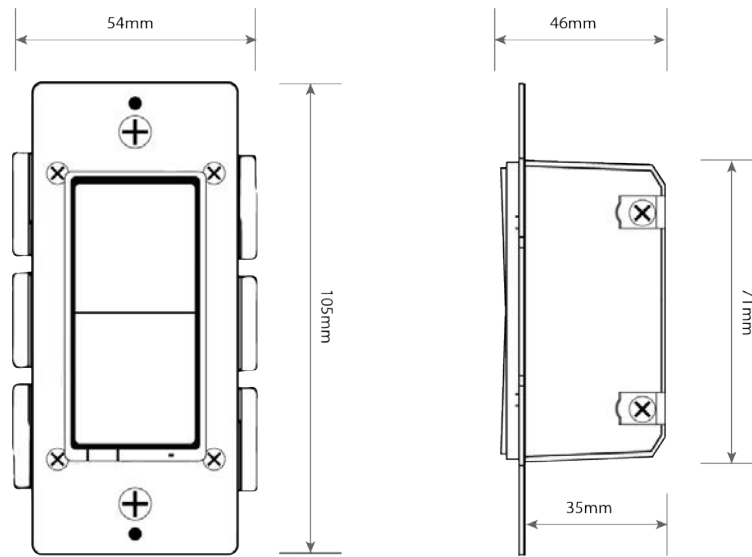


Figure 1. Avi-on In-Wall Dimmer



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